

IV. CULTIVARS AND GERM PLASM**USDA-ARS NATIONAL SMALL GRAINS GERMPLASM RESEARCH FACILITY****1691 S. 2700 W., Aberdeen, ID 83210, USA.****University of Idaho, coöperating, Aberdeen, ID.**www.ars-grin.gov/npgs***National Small Grains Collection activities.***

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Table 1. Wheat descriptors with data currently in GRIN (February 2009).

Descriptor	Years	Location	Accessions evaluated
DISEASE DESCRIPTORS			
Barley Yellow Dwarf Virus	1985–92	Davis, CA	2,287
Barley Yellow Dwarf Virus	1988–94	Urbana, IL	17,517
Soilborne Mosaic Virus	1985–89	Urbana, IL	6,587
Soilborne Mosaic Virus	2000	Manhattan, KS	4,998
Leaf Rust	1983–89, 1991–95	Manhattan, KS	38,751
Leaf Rust – Adult	2000	Manhattan, KS	5,000
Stripe Rust – Adult	1984–2005	Mt. Vernon, WA	47,540
Stripe Rust – Adult	1984–2005	Pullman, WA	37,676
Stripe Rust – PST 17	1984–2005	Pullman, WA	24,662
Stripe Rust – PST 20	1984–95	Pullman, WA	12,508
Stripe Rust – PST 25	1984–95	Pullman, WA	1,682
Stripe Rust – PST 27	1984–95	Pullman, WA	14,511
Stripe Rust – PST 29	1984–95	Pullman, WA	14,259
Stripe Rust – PST 37	1984–2005	Pullman, WA	17,252
Stripe Rust – PST 43	1984–2005	Pullman, WA	16,285
Stripe Rust – PST 45	1984–2005	Pullman, WA	17,217
Stripe Rust – PST 78	2000–05	Pullman, WA	4,277
Stripe Rust – PST 80	2004–05	Pullman, WA	2,998
Stripe Rust – PST 100	2004–05	Pullman, WA	5,892
Stem Rust – Adult	1987–94	Rosemount, MN	8,078
Stem Rust – Adult	1987–94	St. Paul, MN	19,141
Stem Rust – HJCS	1987–92	St. Paul, MN	4,342
Stem Rust – QFBS	1987–92	St. Paul, MN	8,639
Stem Rust – QSHS	1987–92	St. Paul, MN	4,455
Stem Rust – RHRS	1987–92	St. Paul, MN	4,312
Stem Rust – RTQQ	1987–92	St. Paul, MN	8,973
Stem Rust – TNMH	1987–92	St. Paul, MN	4,402
Stem Rust – TNMK	1987–92	St. Paul, MN	8,938
Stem Rust – HNLQ	1987–92	St. Paul, MN	4,705
Stem Rust – RKQS	1987–92	St. Paul, MN	4,682
Stem Rust – Genes	1987–92	St. Paul, MN	1,018
Common Bunt	1981–2004	Aberdeen, ID & Pendleton, OR	25,245
Dwarf Bunt	1978–2009	Logan, UT	20,146

Descriptor	Years	Location	Accessions evaluated
DISEASE DESCRIPTORS			
<i>Stagonospora nodorum</i> blotch	1970–78	Bozeman, MT	8,095
Powdery Mildew	1996–2005	Kinston, NC	13,973
Fusarium Head Blight/Scab	1998–2002	Brookings, SD	4,084
INSECT DESCRIPTORS			
Hessian Fly – B	1983–94	W. Lafayette, IN	449
Hessian Fly – C	1983–94	W. Lafayette, IN & Manhattan, KS	24,165
Hessian Fly – E	1983–94	W. Lafayette, IN & Manhattan, KS	24,149
Hessian Fly – GP	1983–94	W. Lafayette, IN & Manhattan, KS	14,441
Hessian Fly – L	1983–97	W. Lafayette, IN & Manhattan, KS	8,315
Russian Wheat Aphid – Biotype 1	1988–95, 2005	Stillwater, OK & Ft. Collins, CO	41,161
Russian Wheat Aphid – Biotype 2	2003–08	Ft. Collins, CO	14,186
Cereal Leaf Beetle	1963–70	Indiana, Michigan	16,347
AGRONOMIC–QUALITY DESCRIPTORS			
Growth Habit	1987–09	Aberdeen, ID	55,380
Lysine Content	1966–69	Lincoln, NE	10,367
Awn Color	1983–97, 2007–09	Aberdeen, ID & Maricopa, AZ	27,037
Awn Type	1983–97, 2007–09	Aberdeen, ID & Maricopa, AZ	30,113
Glume Color	1983–97, 2007–09	Aberdeen, ID & Maricopa, AZ	27,403
Glume Pubescence	1983–97	Aberdeen, ID & Maricopa, AZ	24,312
Heading Date	1983–94	Aberdeen, ID & Maricopa, AZ	18,365
Heading Date – related to check	1999–2004	Maricopa, AZ	46,831
Kernel Color	1983–94, 2005–09	Aberdeen, ID & Maricopa, AZ	47,520
Kernels/Spike	1983–94	Aberdeen, ID & Maricopa, AZ	3,666
Kernel Weight	1983–94, 2005–09	Aberdeen, ID & Maricopa, AZ	45,947
Leaf Pubescence	1983–94	Aberdeen, ID & Maricopa, AZ	20,888
Plant Height	1983–97	Aberdeen, ID & Maricopa, AZ	21,841
Plant Height – related to check	1999–2004	Maricopa, AZ	46,841
Rachis Length	1995	Maricopa, AZ	2,512
Shattering	1983–94	Aberdeen, ID & Maricopa, AZ	10,637
Spike Density	1983–98, 2007–09	Aberdeen, ID & Maricopa, AZ	22,963
Spikelets/Spike	1995	Maricopa, AZ	2,502
Spike Type	1983–97, 2007–09	Aberdeen, ID & Maricopa, AZ	22,730
Straw Breakage	1983–94	Aberdeen, ID & Maricopa, AZ	16,829
Straw Color	1983–97	Aberdeen, ID & Maricopa, AZ	24,142
Straw Lodging	1983–94	Aberdeen, ID & Maricopa, AZ	23,075
The authors wish to acknowledge the important contributions of the NSGGRF staff in this effort, with special thanks to Scott McNeil, Karla Reynolds, Carol Mortenson, Kay Calzada, and Sara Hirschi.			

Passport and descriptor data for these new accessions can be found on the Germplasm Resources Information Network (GRIN): <http://www.ars-grin.gov/npgs>. Certain accessions may not be available from the National Small Grains Collection due to intellectual property rights, quarantine, or insufficient inventories. Accessions registered in the *Journal of Plant Registrations* or *Crop Science* are available by contacting the developers.

Table 2. PI assignments in *Triticum*, *Secale*, *Aegilops*, and *X Triticosecale* from January 2009–February 2010. There were no PI assignments in *Aegilops* and *Secale* during this period.

PI number	Taxonomy	Cultivar name or identifier	Country	State/Province
655954 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	HITCH	United States	Kansas
655955 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	ARMOUR	United States	Kansas
655960 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TAM 203	United States	Texas
656377 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	ALPINE	United States	
656382	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	OK RISING	United States	Oklahoma
656383 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TOM	United States	Minnesota
656390	<i>X Triticosecale</i> sp.	X-1010	United States	Oregon
656395	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	NC09MDD14	United States	North Carolina
656607	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TAMsoft 700	United States	Texas
656610	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>Vrn1</i>)	United States	Washington
656611	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>Vrn1</i>)	United States	Washington
656612	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>Vrn1</i>)	United States	Washington
656613	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>Vrn1</i>)	United States	Washington
656614	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>vrn1</i>)	United States	Washington
656615	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>vrn1</i>)	United States	Washington
656616	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>vrn1</i>)	United States	Washington
656617	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>vrn1</i>)	United States	Washington
656618	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>Vrn2</i>)	United States	Washington
656619	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>Vrn2</i>)	United States	Washington
656620	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>Vrn2</i>)	United States	Washington
656621	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>Vrn2</i>)	United States	Washington
656622	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>vrn2</i>)	United States	Washington
656623	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>vrn2</i>)	United States	Washington
656624	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>vrn2</i>)	United States	Washington
656625	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>vrn2</i>)	United States	Washington
656626	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>Vrn3</i>)	United States	Washington
656627	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>Vrn3</i>)	United States	Washington
656628	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>Vrn3</i>)	United States	Washington
656629	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>Vrn3</i>)	United States	Washington
656630	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>Vrn3</i>)	United States	Washington
656631	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>vrn3</i>)	United States	Washington
656632	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>vrn3</i>)	United States	Washington
656633	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>vrn3</i>)	United States	Washington
656634	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>vrn3</i>)	United States	Washington
656635	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>Vrn4</i>)	United States	Washington
656636	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>Vrn4</i>)	United States	Washington
656637	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>Vrn4</i>)	United States	Washington
656638	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>Vrn4</i>)	United States	Washington
656639	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>Vrn4</i>)	United States	Washington
656640	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>Vrn4</i>)	United States	Washington
656641	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (<i>vrn4</i>)	United States	Washington

Table 2. PI assignments in *Triticum*, *Secale*, *Aegilops*, and *X Triticosecale* from January 2009–February 2010. There were no PI assignments in *Aegilops* and *Secale* during this period.

PI number	Taxonomy	Cultivar name or identifier	Country	State/Province
656642	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (vrn4)	United States	Washington
656643	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TresNIL (vrn4)	United States	Washington
656753	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	SHIRLEY	United States	Virginia
656754	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	3434	United States	Virginia
656755	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	5205	United States	Virginia
656790	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	JD	United States	Washington
656791	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	BABE	United States	Washington
656792	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	IR14-40	United States	California
656793	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	524	United States	California
656794	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	IR51-8	United States	California
656795	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	IR17-47	United States	California
656796	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	504	United States	California
656843	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	BILLINGS	United States	Oklahoma
656844	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	PETE	United States	Oklahoma
656845	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	AMBASSADOR	United States	Michigan
656865	<i>Triticum turgidum</i> subsp. <i>dicoccoides</i>	TUR-05-BJS-HB-170	Turkey	Gaziantep
656866	<i>Triticum turgidum</i> subsp. <i>dicoccoides</i>	TUR-05-BJS-HB-176	Turkey	Gaziantep
656867	<i>Triticum turgidum</i> subsp. <i>dicoccoides</i>	TUR-05-BJS-HB-180	Turkey	Gaziantep
656868	<i>Triticum turgidum</i> subsp. <i>dicoccoides</i>	TUR-05-BJS-HB-188	Turkey	Gaziantep
656869	<i>Triticum turgidum</i> subsp. <i>dicoccoides</i>	TUR-05-BJS-HB-193	Turkey	Gaziantep
656870	<i>Triticum turgidum</i> subsp. <i>dicoccoides</i>	TUR-05-BJS-HB-200	Turkey	Maras
656871	<i>Triticum turgidum</i> subsp. <i>dicoccoides</i>	TUR-05-BJS-HB-206	Turkey	Maras
656872	<i>Triticum turgidum</i> subsp. <i>dicoccoides</i>	TUR-05-BJS-HB-221	Turkey	Maras
656873	<i>Triticum turgidum</i> subsp. <i>dicoccoides</i>	TUR-05-BJS-HB-223	Turkey	Maras
656959	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (Vrn1)	United States	Washington
656960	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (Vrn1)	United States	Washington
656961	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (Vrn1)	United States	Washington
656962	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (Vrn1)	United States	Washington
656963	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (Vrn1)	United States	Washington
656964	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (Vrn1)	United States	Washington
656965	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (vrn1)	United States	Washington
656966	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (vrn1)	United States	Washington
656967	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (vrn1)	United States	Washington
656968	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (vrn1)	United States	Washington
656969	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (Vrn2)	United States	Washington
656970	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (Vrn2)	United States	Washington
656971	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (Vrn2)	United States	Washington
656972	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (Vrn2)	United States	Washington
656973	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (Vrn2)	United States	Washington
656974	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (vnr2)	United States	Washington
656975	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (vrn2)	United States	Washington
656976	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (vrn2)	United States	Washington
656977	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (vrn2)	United States	Washington
656978	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (Vrn3)	United States	Washington
656979	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (Vrn3)	United States	Washington
656980	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (Vrn3)	United States	Washington
656981	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (Vrn3)	United States	Washington

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PI number	Taxonomy	Cultivar name or identifier	Country	State/Province
656982	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (<i>Vrn3</i>)	United States	Washington
656983	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (<i>Vrn3</i>)	United States	Washington
656984	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (<i>vrn3</i>)	United States	Washington
656985	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (<i>vrn3</i>)	United States	Washington
656986	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (<i>vrn3</i>)	United States	Washington
656987	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (<i>vrn3</i>)	United States	Washington
656988	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (<i>Vrn4</i>)	United States	Washington
656989	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (<i>Vrn4</i>)	United States	Washington
656990	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (<i>Vrn4</i>)	United States	Washington
656991	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (<i>Vrn4</i>)	United States	Washington
656992	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (<i>Vrn4</i>)	United States	Washington
656993	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (<i>Vrn4</i>)	United States	Washington
656994	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (<i>vrn4</i>)	United States	Washington
656995	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (<i>vrn4</i>)	United States	Washington
656996	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (<i>vrn4</i>)	United States	Washington
656997	<i>Triticum aestivum</i> subsp. <i>compactum</i>	PahaNIL (<i>vrn4</i>)	United States	Washington
657629 MAP	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	STEELE-ND	United States	North Dakota
657630 MAP	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	ND 735	United States	North Dakota
657697	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	BRICK	United States	South Dakota
657945	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	VA04W-433	United States	Virginia
657946	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	VA04W-474	United States	Virginia
657977	<i>X Triticosecale</i> sp.	Sel-002	United States	Oregon
657986 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	OGLETHORPE	United States	Georgia
657987 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	AGS CL7	United States	Georgia
657988 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	BALDWIN	United States	Georgia
657997	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	NuEast	United States	North Carolina
657998	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	APPALACHIAN WHITE	United States	North Carolina
658002 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	ALBANY	United States	
658007 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	JACKPOT	United States	
658008 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	AP LEGACY	United States	
658009 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	WHETSTONE	United States	
658010 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	W1104	United States	
658018 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	BARLOW	United States	North Dakota
658032 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	W980281J1	United States	
658033 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	W1062	United States	
658034 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	W1566	United States	
658035 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	LEGION	United States	
658036 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	BULLSEYE	United States	
658039 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	JENNA	United States	
658040 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	OAKES	United States	
658041 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	BRENNAN	United States	
658050 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	AGS 2020	United States	Georgia
658063	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	ARS15144	United States	Washington
658064	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	ARS14142	United States	Washington
658065 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	AGS 2026	United States	Georgia
658066 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	AGS 2035	United States	Georgia
658067 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	LYMAN	United States	South Dakota

Table 2. PI assignments in *Triticum*, *Secale*, *Aegilops*, and *X Triticosecale* from January 2009–February 2010. There were no PI assignments in *Aegilops* and *Secale* during this period.

PI number	Taxonomy	Cultivar name or identifier	Country	State/Province
658147 PVPO	<i>X Triticosecale</i> sp.	718	United States	California
658148 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	WB 456	United States	
658149 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	WB 523	United States	
658150 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	26R20	United States	Indiana
658151 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	25R32	United States	Indiana
658153 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	ORCF-103	United States	Oregon
658154 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	SKILES	United States	Oregon
658155 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	W000350I1	United States	
658156 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	W000570E1	United States	
658157 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	W980052N1	United States	
658158 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	W980118Q1	United States	
658159 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	W000273A1	United States	
658160 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	W000350D2	United States	
658161 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	W990117E1	United States	
658162 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	W010323D1	United States	
658163 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	W010704F1	United States	
658164 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	REDWING	United States	California
658165	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	NX04Y2107	United States	Nebraska
658243 MAP	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	OS9A	United States	Oregon
658244 MAP	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	QCB36	United States	Oregon
658467	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	UI SILVER	United States	Idaho
658468	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	UICF-GRACE	Mexico	Coahuila
658496	<i>X Triticosecale</i> sp.	TCLF-AN-105	United States	California
658500 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	TAM 401	United States	Texas
658508 MAP	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	USG3209	United States	Virginia
658509 MAP	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	JAYPEE	United States	Arkansas
658527	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	CORAL	United States	Michigan
658542 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	MOTT	United States	North Dakota
658543 PVPO	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	AP BADGER	United States	
658597	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	SNOWMASS	United States	Colorado
658598	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	MERL	United States	Virginia
658599	<i>Triticum aestivum</i> subsp. <i>aestivum</i>	SW049029104	United States	Virginia